Abstract

Polyacrylates obtainable by thermal crosslinking of a polymer mixture comprising the following components:

- a) a polyacrylate copolymer of the following monomers
 - a1) acrylates and/or methacrylates of the following formula

$$CH_2 = CH(R^1)(COOR^2),$$

where $R^2 = H$ or CH_3 and R^2 is an alkyl chain with 1-20 carbon atoms, at 65-99% by weight, based on a),

a2) olefinically unsaturated monomers containing functional groups, at 0-15% by weight, based on a),

at 80-99.8% by weight, based on the polymer mixture,

- a3) acrylates and/or methacrylates whose alcohol component contains tertbutoxycarbonyl (BOC) and/or hydroxyl groups,
 at 1-20% by weight, based on a),
- b) a polymerization regulating photoinitiator
 at 0.1-15% by weight, based on the polymer mixture,
- c) difunctional isocyanate and/or difunctional epoxide at 0.1-5% by weight, based on the polymer mixture.